

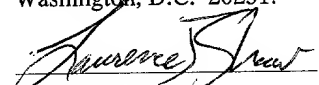
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U.S. PAT. 60/178,910
60/178,910
01/25/01

Express Mail Mailing Label No. EF 087 135 057 US
I certify that on **January 25, 2001**, which is the date
I am signing this certificate, this correspondence and all
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APPLICATION, Assistant Commissioner of Patents,
Washington, D.C. 20231.


Laurence J. Shaw

January 25, 2001
Date

PATENT
TIM-CCW-R

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the new

- ☒ non-provisional patent application under 35 U.S.C. § 111(a)
☐ provisional patent application under 35 U.S.C. § 111(b)

of:

First Inventor: Xinhui Niu

Address of First Inventor: 1422 Birchmeadow Lane, San Jose, California, 95131

Citizenship of First Inventor: China (People's Republic of China)

Second Inventor: Nickhil Harshavardhan Jakatdar

Address of Second Inventor: 1226 Koi Terrace, Fremont, California 94536

Citizenship of Second Inventor: India

Title: CACHING OF INTRA-LAYER CALCULATIONS FOR RAPID RIGOROUS
COUPLED-WAVE ANALYSES

The present application is based on provisional patent application

Serial No.: 60/178,910

Filed: January 26, 2000

By: the above-specified inventors

Entitled: Cached Coupled-Wave Method for Diffraction Grating Profile Analysis

Enclosed are:

- ☒ Specification, totalling 67 pages of text and 13 sheets of formal drawings
☒ Inventors' Declaration, signed, X unsigned
☐ Assignment of the invention to ; including Assignment Cover sheet
and Check No. for \$40.00
☐ Power of Attorney

☒ Applicant claims Small Entity Status

☐

The filing fee has been calculated as shown below:

| FOR: | CLAIMS FILED | NO. EXTRA | SMALL ENTITY RATE | SMALL ENTITY FEE | STANDARD RATE | STANDARD FEE |
|--|--------------|--------------|-------------------------|------------------------|------------------|-----------------|
| NON-PROVISIONAL APPL. BASIC FEE | | | | \$355 | | \$710 |
| TOTAL CLAIMS | 56 | 36 | X \$9 = | \$324 | X \$18 = | |
| INDEPENDENT CLAIMS | 10 | 7 | X \$40 = | \$280 | X \$80 = | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED | | | X \$125 = | 0 | X \$250 = | |
| TOTAL | | | | \$959 | TOTAL | |

☐ Please charge the amount of \$_____ to Deposit Account No. 19-1535. A duplicate copy of this sheet is enclosed.

☐ Check No. _____ in the amount of \$_____ to cover the filing fee is enclosed.

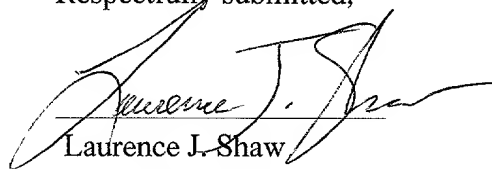
☒ Filing fees will be paid in response to a Notice of Missing Parts.

☒ The Commissioner is hereby authorized to charge payment of any additional required fees associated with this communication or credit any overpayment to Deposit Account No. 19-1535. A duplicate copy of this sheet is enclosed.

☒ Return receipt postcard.

Respectfully submitted,

Date: January 25, 2001


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